

The Urban District Council of Littleborough




Annual Report of the Medical Officer of Health for the Year 1921



James T. R. MacGill, M.B., Ch.B., M.O.H.

Jackson Bros. Littleborough.



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URBAN DISTRICT COUNCIL OF LITTLEBOROUGH.

ANNUAL REPORT

OF THE

Medical Officer of Health

For the year ended December 31st, 1921.

To the Chairman and Members of the
Urban District Council of Littleborough.

GENTLEMEN,

I have the honour to submit to you my Annual Report on the Health and Mortality of your District during the year 1921.

Population

The estimated population (as supplied by the County Council) of the District is 11,660. The population taken at the census (1921) was 11,488.

Area

The District extends over an area of 7,855 acres, and is situated at the foot of the Pennine Range, 500 feet above sea level, on the borders of Lancashire and Yorkshire.

The climate is somewhat damp but bracing.

The chief industries—the manufacture of cotton and woollen goods, iron turning and founding.

Density per acre is 1·48.

Vital Statistics

The number of deaths registered in the District in 1921 was 139, which is equal to a death rate of 11·9 per 1,000 of the estimated population.

The number of births registered was 230 which is equivalent to a birth rate of 19·7.

For 1920 the death rate was 13·6 and the birth rate 19·9, and the averages for the past ten years were: death rate 15·7, and the birth rate 16·5. From these figures it will be seen that the death rate is 1·7 below the previous year and 3·8 below the average, and the birth rate 0·2 below the previous year and 3·2 above the average, which is quite satisfactory. (For further particulars and comparisions see tables at end of Report.)

During the year 220 births were notified. The health visiting is under the supervision of the County Council.

Infant Deaths

There have been 19 deaths under one year, which is equivalent to a death rate of 82 per 1,000 births, against 15 deaths and a rate of 64 in 1920, and an average of 99 for the past ten years. Last year the Infant death rate was exceptionally low, and the present year is still 17 below the average.

Premature birth, etc., has been responsible for 11 deaths as compared with 4 in 1920.

Valuable assistance continues to be given by the District and C.A. Nurses.

Phthisis Death Rate

1921	1920	average past 10 years
0·51	0·42	0·84

Infectious Diseases

30 Cases of infectious diseases were notified during the year against 35 in 1920.

	1921	1920
Scarlet Fever	17	23
Diphtheria and Memb. Croup	9	2
Enteric Fever	1	1
Erysipelas	3	4
Ophthalmia Neonatorum... ..	nil	2
Puerperal Fever	nil	2
Poliomyelitis	nil	1
Pneumonia	nil	1
Encephalitis Lethargica... ..	nil	nil
Malaria	nil	nil

Scarlet Fever

17 Cases occurred, 16 of which were treated at the Isolation Hospital. The cases were fairly evenly distributed throughout the year and were not confined to any particular part of the District.

Diphtheria and Membranous Croup

9 Cases occurred, 4 of which were removed to Hospital.

Enteric Fever

1 Case occurred and was removed to hospital.

Erysipelas

3 Cases occurred, 1 of which was removed to hospital.

Ophthalmia Neonatorum

No cases.

Puerperal Fever

No cases.

Acute Anterior Poliomyelitis

No cases.

Acute Pneumonia

No cases.

Encephalitis Lethargica

No cases.

Malaria

No cases.

Measles and German Measles

Very few cases.

Whooping Cough

Very few cases.

Chicken Pox

Very few cases.

I am chiefly indebted for the information regarding unnotifiable diseases to the Returns of Sickness in Schools, supplied to me by the School Attendance Officer.

Influenza

There was no epidemic of this disease during the year. A few cases occurred and two deaths were notified.

Smallpox

No cases.

Diarrhœa

Very few cases came under notice. The printed instructions which are issued at the commencement of the summer being of great value.

Isolation Hospital

The two large wards are reserved for Scarlet Fever, and the two small ones for Diphtheria and Enteric, but not both at the same time.

Arrangements have been made with the Rochdale Corporation to treat cases of Infectious Diseases (excepting Smallpox) at the Marland Fever Hospital, when the Isolation Hospital at Hollingworth is full or the wards are not available for their treatment.

In case of an outbreak of Smallpox in the District, arrangements have been made for the removal of all cases to the Bury and District Joint Board's Hospital.

Tuberculosis

There were 7 deaths from Tuberculosis, 6 of which were due to Pulmonary Tuberculosis and 1 to other Tuberculous disease, against 5 and 2 respectively in 1920. There were 18 notifications, 9 of which were new cases and 9 duplicate notifications, which were comprised chiefly of notifications of admission and discharge of patients at Sanatoria. Of the new cases (9), 7 were Pulmonary and 2 other Tuberculous diseases; 2 were cotton operatives, 2 general labourers, 2 domestic duties, 1 woollen operative, 1 engineer, and 1 tailor.

By arrangement with the Registrar, deaths from Tuberculosis and other infectious diseases are notified on registration so as to facilitate the disinfection of the houses where deaths have occurred.

In the case of removals, the rooms, etc., are thoroughly disinfected.

The sputum was examined in 7 cases, all of which were returned as negative.

Disinfection

33 Rooms and 487 articles of bedding, clothing, etc., have been disinfected after cases of ordinary infectious disease, and 29 rooms and 156 articles of bedding, etc., after death or removal of phthisical cases, etc.

65 Notices have been sent to Schoolmasters and Sunday School Secretaries informing them of children suffering from (or after recovery from) infectious disease and prohibiting them from attending school

3 Library books have been destroyed.

Housing Acts

91 Houses have been inspected in various parts of the District.

Through Houses	...	...	...	...	...	55
Houses not through but with window at back	...	...	...	...	...	4
Back-to-back Houses	...	...	...	...	...	32

Rooms

11 Houses had	...	...	...	...	6 or more rooms
5	„	...	...	...	5 rooms
3	„	...	...	...	4 rooms
64	„	...	...	...	3 rooms
8	„	...	...	...	2 rooms

In the occupied houses there were 281 persons, or an average per occupied house of 3.34. There was no overcrowding.

The drainage of the various properties is all connected to the sewer.

The houses had a satisfactory supply of water, 20 by private supplies and the remainder by the Corporation.

Closing orders have been made in respect to 8 houses which were considered unfit for human habitation.

During the inspection the following defects were found:

Damp walls	...	...	...	...	24
Defective plastering	...	...	...	...	16
„ roofs	...	...	...	...	16
„ closets	...	...	...	...	14
„ ashplaces	...	...	...	...	10
„ coalplaces	...	...	...	...	11
„ windows or to be made to open...	...	...	...	...	38
„ chimneys	...	...	...	...	5
„ fireplaces	...	...	...	...	9
„ floors...	...	...	...	...	8
„ stairs...	...	...	...	...	4
„ doors...	...	...	...	...	10
„ window sills	...	...	...	...	4
„ flagging	...	...	...	...	2
„ drain inlets...	...	...	...	...	5
„ eaves-troughings	...	...	...	...	11
„ rainwater pipes or connected direct to drain	...	...	...	...	24
„ kitchen ranges	...	...	...	...	10
„ set-pan boilers	...	...	...	...	4

Defects remedied under the Housing Acts:

Closets repaired...	...	...	...	...	11
Ashplaces repaired	...	...	...	...	7
Coalplaces repaired	...	...	...	...	9
Roofs repaired	...	...	...	...	3
Plastering repaired	...	...	...	...	3
Drains opened, cleaned, and repaired	...	...	...	...	4
Eaves-troughing repaired	...	...	...	...	3
Rainwater pipes repaired	...	...	...	...	12
Rainwater pipes disconnected from drain...	...	...	...	...	2

Gullies provided	...	...	...	...	3
Walls re-pointed	...	...	...	...	1
Floor repaired	...	...	...	...	1
Set-pan boiler repaired	...	...	...	...	1
Doors repaired	...	...	...	...	2
Flagging repaired	...	...	...	...	1
Drain inlet repaired	...	...	...	...	1
Windows repaired	...	...	...	...	2

Defects remedied excluding those done under the Housing Acts :

Main drains provided or reconstructed	...	...	...	...	3
Branch drains provided or reconstructed	...	...	...	...	32
Drains opened, cleansed, and repaired	...	...	...	...	34
Drain inlets provided	...	...	...	...	2
Drain inlets repaired	...	...	...	...	3
Rainwater pipes repaired	...	...	...	...	17
Rainwater pipes disconnected from drain...	...	...	...	...	15
Gullies provided	...	...	...	...	31
Waste water pipes provided	...	...	...	...	2
Waste water pipes repaired	...	...	...	...	3
Soil pipe repaired	...	...	...	...	1
Ventilating shafts provided	...	...	...	...	2
Roofs repaired	...	...	...	...	4
Eaves-troughings repaired	...	...	...	...	2
Windows repaired or made to open...	...	...	...	...	3
Doors repaired	...	...	...	...	2
Floor repaired	...	...	...	...	1
Plastering repaired	...	...	...	...	4
Walls re-pointed	...	...	...	...	4
Flagging repaired	...	...	...	...	4
Chimney repaired	...	...	...	...	1
Kitchen range repaired	...	...	...	...	1
Fireplace repaired	...	...	...	...	1
Ashplaces repaired	...	...	...	...	19
Closets repaired...	...	...	...	...	10
Ashbins renewed	...	...	...	...	2
Ashbins provided	...	...	...	...	2
Overcrowded house abated	...	...	...	...	1
Houses cleansed	...	...	...	...	3
Corporation water provided	...	...	...	...	18
Private water supply repaired	...	...	...	...	7
Water pipes repaired and renewed	...	...	...	...	4
Water closet repaired	...	...	...	...	1
Urinal provided...	...	...	...	...	1
Baths provided	...	...	...	...	2
Lavatory basins provided	...	...	...	...	5
Water closets provided	...	...	...	...	8
Waste water closet converted to water closet	...	...	...	...	1
Pail closets converted to water closets	...	...	...	...	3

Inhabited Houses

The number used or intended to be used for habitation at the census in June, 1921, was 3196, and the number of families or separate occupiers was 3160. Since the census there have been 31 new houses occupied. During the year 36 houses have been built and occupied; 12 by private enterprise and 24 in connection with the Council's housing scheme.

Water Supply

The District generally is supplied with water by the Rochdale Corporation which has been satisfactory both as regards quantity and quality. A number of houses in the District are supplied with water from private supplies.

18 Houses have been provided with Corporation water, and the private supply of 7 houses made good after notice had been given.

Workshops

There are 46 on the register. In one case a new workshop has been provided after notice had been given and in another case a workshop was lime-washed after the receipt of a notice from the Factory Inspector.

Factories

There are 73 factories on the register. No complaints have been received from the Factory Inspector during the year. At one factory where extensions are in progress the closet accommodation has been reconstructed and additional water closets provided.

Retail Bakehouses

There are 14 on the register. In one case a bakehouse was lime-washed and cleansed after the receipt of a notice from the Factory Inspector. In the others a reasonable standard of cleanliness has been maintained. There are no underground bakehouses in the District.

Common Lodging Houses

There are 2 in the District, both of which have been regularly inspected. In one case notice had to be given to the lodging house proprietor to thoroughly cleanse and lime-wash the whole of the premises.

Slaughter Houses

There are 7 registered slaughter houses on the register. All have been regularly inspected and are in as satisfactory condition as can be expected under the existing regulations.

Butchers' Shops, etc.

These have been regularly inspected. 82 lbs. of beef and 7lbs. of sausages have been condemned and destroyed as unfit for human consumption.

Offensive Trades

These are 6 in number: 3 fellmongers, 1 tripe boiler, 1 gut scraper, and 1 glue maker. All have been inspected and found satisfactory.

Cowsheds and Farm Buildings

There are 92 in the District, and 68 cowkeepers. A majority of the buildings are in good repair. Extensive repairs have been carried out at one farm.

Three deaths from Anthrax occurred at a farm in July. The premises were disinfected and the carcasses disposed of by burning. The outbreak was thoroughly investigated in conjunction with the County Medical Officer of Health; no directed source of infection was found except that there had been two previous outbreaks at the same farm some number of years previously. A special report was made at the time.

Samples of milk for analysis under the Food and Drugs Acts are taken by the Police Authority.

Milk Supply

The milk supply has been sufficient for the population during the year.

Milk (Mothers and Children's) Order, 1918

This is under the supervision of the County Council.

Canal Boats

21 Boats have been inspected and were found to be in conformity with the Acts and Regulations. In July the Rochdale Canal Company ceased carrying and the work of inspection practically ceased.

Scavenging

The night-soil is disposed of to the farmers in the District where the land is suitable, and the ashes are removed to the tips in the District by horses and carts and a Ford tipping lorry. 1,808 tons of refuse were removed by horses and carts at a cost of 13/2 per ton, and 1,314 tons by motor lorry at a cost of 12/5 per ton, including all expenses and depreciation.

Closet and Ashplace Accommodation

There are now 1,598 pail closets, 520 water closets, and 394 waste water closets. 1792 Ashtubs are housed in ashplaces with doors and coverings, and 108 ashbins.

During the year :

- 54 water closets have been erected
- 1 waste water closet converted to water closet
- 3 pail closets converted to water closets
- 5 ashtubs provided
- 28 ashbins provided.

Sewage and Drainage

The sewage is treated at the Sewage Works by precipitation and filtration. All the samples taken have been classed as satisfactory.

Some repairs and reconstruction of drains to old properties have been carried out.

Smoke

33 Observations each of one hour's duration have been made, two of which exceeded the time limit (which was reduced by the Council, in March, from 6 minutes to 4 minutes in the hour). One statutory notice was served on a firm in respect to the emission of black smoke, in the other case no action was taken. One letter was also sent.

No observations were taken from the middle of April to July on account of the coal strike and the consequent stoppage and difficulties of working in the various industries throughout the District.

Petroleum Acts

During the year 1 license was granted and 6 licenses renewed under the above Acts.

I should like to express my appreciation of the efficient assistance given me by Mr. Wild, Mr. Williamson, and Mr. George F. Wild.

I am, Gentlemen,

Yours obediently,

J. T. R. MACGILL, M.B., Ch.B.,
M.O.H.

July 5th, 1922.

COUNTY OF LANCASTER.

URBAN DISTRICT OF LITTLEBOROUGH.

PARTICULARS TO BE INCLUDED IN
THE ANNUAL REPORT OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1921.

I.—GENERAL STATISTICS.

Area (acres)—7,855
Population (1921)—11,660
Number of inhabited houses (1921)—3,196
Number of families or separate occupiers (1921)—3,160
Rateable value—£65,318
Sum represented by a penny rate—£272 3s. 2d., gross

2.—EXTRACTS FROM VITAL STATISTICS OF THE YEAR 1921.

	Total	Male	Female
Births—Legitimate	214	107	107
Illegitimate	16	5	11
Deaths—	139	72	67

Number of women dying in, or in consequence of, childbirth—from sepsis—none
from other causes—1

Deaths of Infants under one year of age:—
Total—19 Legitimate—18 Illegitimate—1

Deaths from Measles (all ages)—none
Deaths from Whooping Cough (all ages)—none
Deaths from Diarrhoea (under 2 years of age)—none

Specify any unusual or excessive mortality during
the year which has received or required comment:—none

—————RATES PER 1,000 OF POPULATION.—————

	Birth rate	Death rate	Phthisis Death rate	Rate of Deaths under 1 year to 1,000 births
1921 - - - -	19·7	11·9	0·51	82
1920 - - - -	19·9	13·6	0·42	64
Mean of 10 years 1911-20	16·5	15·7	0·84	99
<i>Increase or decrease in</i>				
<i>1921 on—</i>				
<i>Previous year</i> - - -	- 0·2	- 1·7	+ 0·09	+ 18
<i>Ten year's average</i> - -	+ 3·2	- 3·8	- 0·33	- 17

3.—NOTIFIABLE DISEASES.

Table B.

Number of cases of infectious disease notified, number of deaths from these diseases, number of cases removed to hospital, and deaths in hospital during the year 1921 :—

DISEASE	CASES NOTIFIED															Total Deaths	Hospital	
	Total Cases at all Ages	YEARS															Total Cases removed to Hospital	Deaths in Hospital of persons belonging to district
		Un-der 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and ov'r					
Smallpox																		
Diphtheria and Membranous Croup	9		1		1		3	2	1	1							4	
Erysipelas	3									1	2						1	
Scarlet Fever	17			1	3	1	8	2	1		1						16	
Enteric Fever (including Paratyphoid) ...	1											1				1	1	1
Puerperal Fever																		
Cerebro-Spinal Meningitis ...																		
Poliomyelitis																		
‡Ophthalmia Neonatorum ...																		
Malaria																		
Trench Fever... ..																		
Dysentery																		
Encephalitis Lethargica ...																		
Acute Primary Pneumonia																		
Acute Influenzal Pneumonia																		
*Pulmonary Tuberculosis—																		
Males	4									1	1	2		4		2		
Females	3									1	1		1	2		2		
*Other forms of Tuber- culosis—Males	1									1								
Females	1									1				1				
†Measles and German Measles																		
†Whooping Cough																		
†Diarrhoea, &c., (under 2 y'rs)																		
†Chicken-pox																		
†Any other diseases notifiable in your district, specify																		
Totals	39		1	1	4	1	11	4	2	6	5	3	1	8		26		1

* † ‡ see next page.

Table B.—continued.

- *(1) Specify the ratio of non-notified tuberculosis deaths to total tuberculosis deaths —none
- (2) Add a note as to the efficiency of notification of tuberculosis in the District, and the action taken (if any) —efficient
- † State whether any of these diseases are compulsorily notifiable in your District. If so, which, and for what period? —none

‡Ophthalmia Neonatorum.

Cases			Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
Number Notified	Treated					
	At Home	In Hospital				
None						

* † ‡ See previous page.

4.—CAUSES OF SICKNESS.

Specify any causes of sickness and invalidity which have been specially noteworthy in the District during the year. (This should include information obtained from local general practitioners) —none

No. of times School Closure adopted for—

Scarlet Fever	—none	Whooping Cough	—none
Diphtheria	—none	Chicken-pox	—none
Measles	—none	Influenza	—none
		Any other Diseases (specify same)	—none

§No. of Special Reports made under Art. XIX. (15 and 16) Sanitary Officers' Order, 1910. —none

§ Copies of Special Reports should be forwarded to the County Council under Art. XIX. (16).

July 5th, 1922.

SIGNED, J. T. R. MACGILL, M.B., Ch.B.,
Medical Officer of Health.

Table C.

5.—SUMMARY (FOR REFERENCE) OF NURSING ARRANGEMENTS, HOSPITALS, AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT.

Professional Nursing in the Home. Arrangements in the district for—

- (a) General Nursing—One Nurse, Littleborough Nursing Association.
 (b) For Infectious Diseases, *e.g.*, Measles, &c.—none
-

Midwives.—Is any midwife employed by or assisted by the *Local* Authority?—no
 (Rochdale Union, one)

Number of midwives on the County Council Register, 31/12/1921.

Number on Register—2. Number actually practising—2.

Any comments as to the sufficiency or otherwise of the midwifery service?—

What action has been taken by the Council respecting Child Welfare Work?

—Under the County Council.

Has a local Child Welfare Centre been established?—Yes.

If so, where?—At the U.M.C. Sunday School, Queen Street.

Give days and time open.—Every Thursday, 2 to 4 p.m.

Have any of the following been provided in your District:— (Give name, situation, nature of accommodation, and by whom provided.)

Day Nursery.—No.

Institutional provision for unmarried mothers, illegitimate infants, & homeless children.—no

School Clinic.—No.

Tuberculosis Clinic.—Rochdale Dispensary (County).

Venereal Diseases Clinic.—No.

Has any local scheme been prepared in regard to the Supply of Food and Milk for Expectant and Nursing Mothers, and of Milk for Infants?—Yes, by the County Council.

Is there a District Nursing Association in the District?—Yes. How many District nurses employed?—One.

If so, does any arrangement exist between the Council and the Association in respect of Child Welfare Work?—No.

If no such arrangement exists, does the Association voluntarily undertake Child Welfare Work?—No.

Does the Association undertake—(a) *Midwifery Cases?—No.

(b) Monthly Nursing?—No.

(*Attendance at Confinement without a Medical Practitioner).

Hospital Accommodation provided:—

For Smallpox.—Bury and District Joint Hospital.

For other Infectious Diseases.—Joint Hospital at Smithy Bridge for Littleborough, Milnrow, and Wardle.

†Joint or otherwise.—Retaining Fee to Bury and District Hospital Committee, £30 per an.

† If you have the joint use of Isolation Hospital belonging to some other Authority, state nature of "Agreement," or "Arrangement." Is any Retaining Fee paid?

Number of Beds available *for your District*: For Smallpox.—unlimited.

For other Infectious Diseases.—16.

Is there any Hospital Accommodation in the District for:

(a) Maternity Cases.—Birch Hill Hospital (Just outside District).

(b) Children.—Birch Hill Hospital (Just outside District).

(c) Tuberculosis.—No.

Disinfection: Number of Houses disinfected.—39.

Method (state disinfectant used)—Spraying and Fumigating with Formaldehyde.

Are Houses disinfected after (a) Phthisis.—Yes. (b) Measles.—occasionally.

*Apparatus used for Clothing, Bedding, &c. (steam or otherwise).—Steam.

Number of Articles disinfected.—643.

Where is Apparatus situated?—Isolation Hospital, Smithy Bridge.

* If Apparatus at Hospital is available, is it used for the disinfection of Clothing, Bedding, &c., of Patients *not* removed to the Hospital?—Occasionally.

If not, please state how disinfection of Clothing, &c., in these cases is carried out.—Sprayed with Formaldehyde and fumigated in room with Formaldehyde.

Ambulance facilities:

(a) For Infectious Cases.—Horse Ambulance stationed at Isolation Hospital.

(b) For Non-infectious and Accident Cases.—Horse Ambulance stationed at Fire Station.

6.—LABORATORY WORK.

Bacteriological Examinations. Number of Specimens examined:

Blood—I.	Sputum—7	Milk—
Throat Swabs—6	Swabs for Ophthalmia Neonatorum—	Others—

Diphtheria Anti-toxin Order, 1910. Is a supply of Anti-toxin kept *within* the District?—Yes

If so, where?—Local Chemist. Amount used during 1921.—24,000 units.

Other Sera or Vaccines used.—None.

7.—SANITARY ADMINISTRATION.

Tabular Summary of the work of the Sanitary Department:

Source of Water Supply.—Rochdale Corporation Reservoir at Ramsden.

What is its condition?—Good. Possibilities of contamination?—None.

Any insufficiency, and where?—No. Nature of extensions (if any) during the year?—None.

Are Scavenging and Removal of House Refuse carried out satisfactorily for whole of district?—Yes.

How performed (state whether by Sanitary Authority, Contract, or Occupiers of Houses? —By Sanitary Authority.

If Privy Middens exist, are they emptied by day or night?—Only one or two on outlying country Farms.

How is the Refuse disposed of?—House refuse, on tips in the District. Night-soil, on land where suitable.

Has a Destructor been provided?—No. If so, where?

Sewage Disposal Works: Method of Treatment?—Precipitation and Filtration.

What is the character of the Drainage System? Any developments during year? —Good. —No.

Areas, or Townships, without proper drainage system.—None.

Action taken—Drain Testing, Flushing, &c.—Drains are tested by Smoke Apparatus and Flushing of Sewers in summer months.

Action taken with regard to the Pollution of Streams.

—General oversight is kept over the River.

Canal Boats: Number Inspected—21. Number of infringements of Acts.—None.

What is the condition of the Bakehouses?—Good. Number—14.

What is the condition of Slaughter houses?—Good. Number registered—7.

Number licensed— Has a Public Abattoir been provided?—No.

What is the condition of Lodging houses?—Fair. Number—2. Are they registered?—Yes

What is the Sanitary condition of the Schools?—Good.

Dairies, Cowsheds, and Milkshops—92 Cowsheds.

Are they periodically inspected?—Yes. What is their condition?—Fairly good.

Have Regulations been made under the Order of the L.G.B.? Give date.—Bye-laws made and approved by L.G.B., 1888. Are they enforced?—Yes.

Amount of air space in cubic feet required for each cow.

(a) Where cows are habitually grazed
(b) Where cows are *not* habitually grazed } —500 cubic feet.

Cowkeepers. Total number of cowkeepers.—68. Number on Register.—68.

Number of inspections during year.—214.

Dairymen or Purveyors of Milk (other than cowkeepers).

Total number of dairymen or milk purveyors.—I. Number on Register.—I.
(other than cowkeepers)

Any arrangements for veterinary inspection of dairy cows? Give particulars.—None.

Action taken (if any) as to tuberculous milk.—None.

Inspection of Food:

Action taken in respect of places where food is prepared.—Periodically inspected.

Any food poisoning? Action taken.—No.

Amount of food condemned or surrendered as unfit for human consumption. (State approximately the weight of carcasses and of parts).

(a) Tuberculous carcasses and parts.—None.

(b) Diseased, unsound, or unwholesome meat (*other than (a) above*).—82 lbs. Beef.

(c) Other foodstuffs.—7lbs. Sausages.

Number of Legal Proceedings and result.—None.

Sale of Food and Drugs Acts and Milk and Cream Regulations:

Action taken by Local Authority (if any).—Under the direction of the Police Authority.

Notices served - Nuisances.

Number of Notices served.	Informal.—56.	Number of Nuisances abated.—325.
	Statutory.—6.	

Number of Legal Proceedings taken and result.—None.

Closets and Ashpits.

Privy Middens: Number of Middens.—None. Number of Closets attached to these Middens.—None.

Number of Pail Closets.—1598. Number of Dry Ashpits (*excluding Middens*).—1792 Ash-tubs housed in covered Ashplaces.

Number of Fresh Water Closets.—520. Number of Portable Receptacles for refuse.—108
Ashbins. No. of Waste Water Closets.—394.

Number of Privy Closets converted during 1921.	To Fresh W.C.'s.—none.	To Waste
W.C.'s—none. To Pails, &c.—none.		

Number of Pail Closets converted to Fresh W.C.'s.—3. To Waste W.C.'s.—None.

Number of Waste W.C.'s converted to Fresh W.C.'s.—I.

Does Council contribute towards the cost of conversion?—No. If so, how much?—

What kind of closet accommodation is being provided for *new* property?—Fresh W.C.

Smoke Nuisance. Number of Observations.—33.
 Number of Legal Proceedings taken and result.—None. 1 Statutory Notice served.
 What is the time limit allowed for the emission of black smoke per hour?—4 minutes.

Has the Authority adopted: “The Infectious Disease (Prevention) Act, 1890.”—No.
 “The Public Health Acts Amendment Act, 1907.”—Part.
 “The Public Health Acts Amendment Act, 1890.”—Part.

8.—PUBLIC HEALTH STAFF.

Medical Officer of Health.—Dr. J. T. R. MacGill. Is he a whole-time Officer?—No.
 Sanitary Inspector(s)—H. E. Williamson. Is he a whole-time Officer?—Yes.
 Assistant Sanitary Inspector(s)—None.
 Any other Public Health Officers, such as Health Visitors and Special Nurses.—Health Visitor under the supervision of the County Council.

8.—HOUSING.

Number of new houses erected during the year: (a) By private enterprise ... 12
 (b) As part of Municipal Housing Scheme ... 24
 Number of houses in course of erection under Council's Building Scheme ... 69
Unfit Dwelling-houses: Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)... 186
 (2) Number of dwelling-houses which were inspected under the Housing (Inspection of District) Regulations, 1910 ... 91
 Have the particulars of these inspections been fully recorded as specified in the Regulations ... Yes
 (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 8
 (4) Number of dwelling-houses (exclusive of those referred to under (3)) found not to be in all respects reasonably fit for human habitation ... none

Remedy of Defects without Service of formal Notices:

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... none

Action under Statutory Powers:

A.—Proceedings under Section 28 of the Housing, Town Planning, &c., Act, 1919.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... none
 (2) Number of dwelling-houses which were rendered fit: (a) By owners ... none
 (b) By Local Authority in default of owners... none
 (3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... none

B.—*Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... none
 (2) Number of dwelling-houses in which defects were remedied: (a) By owners... none
 (b) By Local Authority in default of owners... none

C.—Proceedings under Sections 17 & 18 of the Housing, Town Planning, &c. Act 1909:

(1) Number of representations made with a view to the making of closing orders... 8
 (2) Number of dwelling-houses in respect of which Closing Orders were made ... 8
 (3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ... none
 (4) Number of dwelling-houses in respect of which Demolition Orders were made ... none
 (5) Number of dwelling-houses demolished in pursuance of Demolition Orders ... none

D.—Number of houses demolished voluntarily by owners or converted to workshops &c. none

* Refers only to action taken in reference to housing defects. Notices with regard to drainage and other defects should be included under Sanitary Administration.

Notable Sanitary Improvements during 1921.—

Chief Sanitary Requirements of the District.—

July 5th, 1922.

SIGNED, J. T. R. MACGILL, M.B., Ch.B., Medical Officer of Health.

Vital Statistics for 1921

Causes of Death						Males	Females
All causes (Civilians only)						72	67
1	Enteric fever					—	1
2	Small-pox					—	—
3	Measles... ..					—	—
4	Scarlet fever					—	—
5	Whooping cough					—	—
6	Diphtheria					—	—
7	Influenza					—	2
8	Encephalitis lethargica					—	—
9	Meningococcal meningitis					—	—
10	Tuberculosis of respiratory system					4	2
11	Other tuberculous diseases... ..					—	1
12	Cancer, malignant disease					4	10
13	Rheumatic fever					—	—
14	Diabetes					—	1
15	Cerebral hæmorrhage, &c.					1	4
16	Heart disease					11	5
17	Arterio-sclerosis					6	2
18	Bronchitis					7	7
19	Pneumonia (all forms)					3	—
20	Other respiratory diseases					1	—
21	Ulcer of stomach or duodenum					1	—
22	Diarrhœa, &c. (under 2 years)					—	—
23	Appendicitis and typhlitis					—	—
24	Cirrhosis of liver					—	—
25	Acute and chronic nephritis					2	—
26	Puerperal sepsis					—	—
27	Other accidents and diseases of pregnancy and parturition					—	1
28	Congenital debility and malformation, premature birth					6	5
29	Suicide					—	2
30	Other deaths from violence					2	4
31	Other defined diseases					23	20
32	Causes ill-defined or unknown					1	—
Special causes (included above)—Poliomyelitis						—	—
Polioencephalitis						—	—
Deaths of infants under 1 year, Total						11	8
Illegitimate						1	—
Total Births... ..						112	118
Legitimate						107	107
Illegitimate						5	11
Population						11,660	